

**From:** [Ex. 6 Personal Privacy (PP)]  
**To:** Kaplan, Robert; Korleski, Christopher  
**Cc:** Winn, G. Dean; Burdett, Cheryl; Kuefler, Patrick; Klassman, Debra; Grubb, Christopher; Sarah Geers; Scott Laeser; Evan Feinauer; Tarah Heinzen; Poy, Thomas; Dean Hoegger; Lynn Utesch  
**Subject:** Mark Borchardt  
**Date:** Friday, March 24, 2017 10:33:01 AM

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<http://www.jsonline.com/story/news/politics/2017/02/22/cattle-humans-both-help-taint-wells-wisconsins-kewaunee-county/98224916/>

----- Forwarded Message -----

**From:** [Ex. 6 Personal Privacy (PP)]  
**To:** Mark Borchardt <mark.borchardt@ars.usda.gov>; Maureen Muldoon <muldoon@uwosh.edu>  
**Cc:** Kevin Masarik <kevin.masarik@uwsp.edu>; Lee Bergquist <lbergquist@journalsentinel.com>  
**Sent:** Monday, February 27, 2017 6:36 PM  
**Subject:** Human Waste markers

Hi Mark. Many of us living among the millions of gallons of land spread manure waste are concerned that perhaps your "hypothesis" on human waste markers, found in the recent well testing results, did not include all variables that should be included in your research.

These variables would include:

1. The land spreading of septage sludge and municipal wastes in our county. Are adjacent spreading fields and their contents considered when researching contamination of a well--[other than the [Ex. 6 Personal Privacy (PP)] incident October 2016?]
2. The commingled consequences of human wastes/cow manure. Pictured below is a Timmar Sanitation truck on the side of a Kewaunee Road where a manure spill occurred. Certainly use of human waste sanitation trucks could contaminate results of a spill site, or what is downstream, when commingling occurs when "clean up" practices such as this are used.
3. A few years back our zoning administrator, Glenn Selner, told us that 50% of the industrial operations in Kewaunee County did not take out permits for employee waste disposal where they operate. At that point in time we alerted the EPA to this practice, and have it documented [4/16/15]. As of late, it has been confirmed that there are "milk house" toilet facilities which discharge directly into lagoons in Kewaunee County.
4. Concerns of manure pits designed "on bedrock". In DNR records 3/30/99, WDNR Facility Contact Form, RE: WPDES Permit: [Ex. 6 Personal Privacy (PP)] contacted WDNR's DeBaker regarding the [Ex. 6 Personal Privacy (PP)] permit. [Ex. 6 Personal Privacy (PP)] indicated that [Ex. 6 Personal Privacy (PP)] were in the process of constructing another barn and once populated it would house 650 head of cattle. With the replacement cattle they would be over permit size. [Ex. 6 Personal Privacy (PP)] said that they were also designing a pit to store their manure in. He said that [Ex. 6 Personal Privacy (PP)] and [Ex. 6 Personal Privacy (PP)] were designing a pit for [Ex. 6 Personal Privacy (PP)] that would be located **on the bedrock**. He had attempted to find another location and found a suitable location about a mile away in heavy clay, but [Ex. 6 Personal Privacy (PP)] had elected not to move. [Ex. 6 Personal Privacy (PP)] expressed concern over a pit on bedrock and the concern over the spreading of manure on the shallow bedrock area. [Ex. 6 Personal Privacy (PP)] contacted [Ex. 6 Personal Privacy (PP)] regarding

the pit design. [REDACTED] said the plan was 3 feet of clay over clean bedrock and 5 feet on the sides. He had already checked with DATCP engineers on the design and felt it complied with Section 313." [DNR Records [REDACTED] Operation].

How many manure pits have been constructed on bedrock on karst geology? How many of these pits have human wastes being added?

How many of these pits are/or have EVER been inspected, by anyone?

It is allowable in engineering standards to allow 500 gallons of manure to leak, per acre, per day, where they are located.

5. Have any of the septic systems been tested where contaminated wells were found, to compare pathogens or confirm septic failure? To match house residents DNA to DNA samples found?

Why not disputing that there may be septic contamination at certain sites, I look forward to any responses you have to these questions I have posed. Can residents living here expect that you will do a presentation for the public on your findings? Thanks Mark.

Best Regards,

[REDACTED]  
Ex. 6 Personal Privacy (PP)